

nationalgrid	Massachusetts Manhole Inspection Summary						
	Fourth Quarter: October 1st. 2007 through December 31st 2007						
	Total Manhole Inspections Complete by Division						
	2007 Calendar Year			Quarterly Update	System Total; Five Year Goal ¹		
Divison	Inspections Completed	Yearly Goal	% Complete	Inspections	Inspections Completed	Manholes	% Complete
Bay State South	1149	1065	108%	183	1917	5326	36%
Bay State West	1087	1083	100%	22	1784	5416	33%
North & Granite	1745	1594	109%	185	3016	7966	38%
Totals	3981	3742	106%	390	6717	18708	36%

Update covers inspections completed through December 31st 2007
1- Over five year period 2006 through 2010

nationalgrid	MA Manhole Inspection Summary		
Fourth Quarter: October 1st. 2007 through December 31st 2007			
Total Priorities by Division			
		System Total; Five Year Goal ¹	
Division	PRIORITY	Total Count	Total Closed Items
Bay State South	A	150	148
Bay State South	B	440	77
Bay State South	C	1047	42
Bay State South	E	18	18
Bay State West	A	336	299
Bay State West	B	152	39
Bay State West	C	768	119
Bay State West	E	1	1
North & Granite	A	440	365
North & Granite	B	940	59
North & Granite	C	1792	157
North & Granite	E	30	30
Totals		6114	1354

Update covers inspections completed through December 31st 2007

1- Over five year period 2006 through 2010

2 - Priorities:

E = Immediate

A = 12 Months

B = Directed

C = Capital

nationalgrid	MA Manhole Inspection Summary			
Fourth Quarter: October 1st. 2007 through December 31st 2007				
Total Priorities by Facility Type				
			System Total; Five Year Goal ¹	
Divison	PRIORITY	Facility Type	Total Count	Total Closed Items
Bay State South	A	Cable/Joint leaking	20	19
Bay State South	A	Cracked/broken	2	1
Bay State South	A	Grounded/Bonded	5	5
Bay State South	A	Improper Grade	1	1
Bay State South	A	Missing nomenclature	113	113
Bay State South	A	Missing(Anodes)	6	6
Bay State South	A	Re-rack	2	2
Bay State South	A	Ring/cover repair/replace	1	1
Bay State South	B	Cable/Joint leaking	7	0
Bay State South	B	Cables bonded	33	0
Bay State South	B	Cracked/broken	29	1
Bay State South	B	Grounded/Bonded	143	3
Bay State South	B	Improper grade	48	8
Bay State South	B	Re-rack	65	4
Bay State South	B	Ring/cover repair/replace	115	61
Bay State South	C	Fire proofing	116	0
Bay State South	C	Grounded/Bonded	1	0
Bay State South	C	Missing nomenclature	1	0
Bay State South	C	Missing(Anodes)	493	25
Bay State South	C	Need Replacement(Anodes)	436	17
Bay State South	E	Cable/Joint leaking	1	1
Bay State South	E	Cracked/broken	3	3
Bay State South	E	Grounded/Bonded	2	2
Bay State South	E	Improper grade	1	1
Bay State South	E	Missing nomenclature	1	1
Bay State South	E	Missing(Anodes)	1	1
Bay State South	E	Re-rack	4	4
Bay State South	E	Ring/cover repair/replace	5	5
Bay State West	A	Cable/Joint leaking	35	27
Bay State West	A	Missing nomenclature	300	271
Bay State West	A	Re-rack	1	1
Bay State West	B	Cable/Joint leaking	1	0
Bay State West	B	Cables bonded	6	4
Bay State West	B	Cracked/broken	13	4
Bay State West	B	Grounded/Bonded	67	18
Bay State West	B	Improper grade	13	2
Bay State West	B	Missing Nomenclature	2	0
Bay State West	B	Re-rack	38	8
Bay State West	B	Ring/cover repair/replace	12	3
Bay State West	C	Cable/Joint leaking	1	0
Bay State West	C	Fire proofing	52	15
Bay State West	C	Missing(Anodes)	440	68
Bay State West	C	Need Replacement(Anodes)	273	36
Bay State West	C	Re-rack	2	0
Bay State West	E	Cable/Joint leaking	1	1
North & Granite	A	Cable/Joint leaking	113	84

Attachment 2.xls

North & Granite	A	Cracked/broken	4	1
North & Granite	A	Missing nomenclature	316	274
North & Granite	A	Need Replacement(Anodes)	1	
North & Granite	A	Re-rack	3	3
North & Granite	A	Ring/cover repair/replace	3	3
North & Granite	B	Cable/Joint leaking	6	
North & Granite	B	Cables bonded	87	3
North & Granite	B	Cracked/broken	67	11
North & Granite	B	Fire proofing	1	
North & Granite	B	Grounded/Bonded	338	8
North & Granite	B	Improper grade	48	6
North & Granite	B	Re-rack	250	18
North & Granite	B	Ring/cover repair/replace	143	13
North & Granite	C	Cable/Joint leaking	1	
North & Granite	C	Fire proofing	729	84
North & Granite	C	Grounded/Bonded	1	
North & Granite	C	Missing(Anodes)	626	39
North & Granite	C	Need Replacement(Anodes)	434	34
North & Granite	C	Ring/cover repair/replace	1	
North & Granite	E	Cable/Joint leaking	17	17
North & Granite	E	Cables bonded	1	1
North & Granite	E	Cracked/broken	4	4
North & Granite	E	Fire proofing	1	1
North & Granite	E	Grounded/Bonded	1	1
North & Granite	E	Re-rack	2	2
North & Granite	E	Ring/cover repair/replace	4	4
Totals			6114	1354

Update covers inspections completed through December 31st 2007

1- Over five year period 2006 through 2010

2 - Priorities:

E = Immediate

A = ASAP

B = Directed

C = Capitol